

Agenda, Version 1

5th CERES-II Science Team Meeting

**Crowne Plaza at Fort Magruder, Williamsburg VA
May 2-4, 2006**

Major Objectives for the Meeting:

- 1. *Review status of CERES Instruments and Data Products:***
 - Terra and Aqua SW channel spectral throughput changes 2000 to 2005
 - Release of Aqua Edition 2 SSF and SFC with Aqua ADMs approved last meeting.
 - Release of Terra SRBAVG, summary of validation results.
 - SRBAVG production of daily means in addition to monthly means, ISCCP Pc/tau statistics, and release of SRBAVG beyond March 2003.
 - SYN and AVG: the level 3 gridded version of CRS data product
 - Cloud algorithm improvements and validation results, including Edition 3.
 - CRS Edition 2, including processing transition from SGI to IBM cluster
 - GEWEX Radiative Flux Assessment
 - A-train, CERES FM-5 on NPOESS, ERBS/GERB/CERES comparisons, NRC Decadal Study, NASA HQ organizational and budget changes.
 - EOSDIS Evolution Activities at the Langley DAAC: transition from LATIS and SGI toward ANGE and commodity cluster computing
 - Conversions of CERES production codes to cluster computing, production automation

- 2. *CERES specific Co-I Reports. Each report is 20min including time for questions.***

Meeting Minutes: PDF

We plan to publish the minutes of the meeting electronically, so please send an electronic copy of your presentation to Shannon Lynch Walker (Shannon.L.Walker@nasa.gov) either before or following the meeting. Desired format is a pdf document.

**Dutch Treat Dinner: 6:30pm Tuesday Evening
(probably one of the Colonial Williamsburg Taverns)**

Tuesday, May 2

Crowne Plaza at Fort Magruder

- 8:00 am **Coffee/Danish**
- 8:30 am Meeting Logistics, Welcome *Roy Chesson*
- 8:40 am State of U.S. CCSP/EOS/CERES/NPP/NPOESS *B. Wielicki*
Decadal Study/A-train/NASA RTO/ASIC
- 9:15 am Terra/Aqua Instrument Calibration: SW Revision 1 *K. Priestley/G. Matthews*
- 10:15 am **Break**
- 10:45 am Aqua/Terra Cloud Properties, Cloud Overlap, Edition 3 *P. Minnis*
- 11:30 am CERES/MISR ADM and Albedo Comparisons *N. Loeb, Wenbo*
- 12:00 pm Validation of Aqua 2A SSF Surface-only Fluxes *D. Kratz/S. Gupta*
- 12:30 pm **Lunch**
- 2:00 pm Terra/Aqua CRS *T. Charlock/F. Rose*
- 2:30 pm Terra SRBAVG Ed2D: Release Validation Summary *D. Doelling*
- 3:00 pm SRBAVG Daily Means, ISCCP Pc/Tau Outputs *D. Doelling*
- 3:20 pm **Break**
- 3:40 pm SYN/AVG Products *F. Rose/D. Doelling*
- 4:10 pm S'COOL *L. Chambers*
- 4:30 pm CERES Data Management: Status, Code Conv, Automation *M. Little/E. Geier*
- 5:00 pm **Adjourn**
- 6:30 pm **Dutch Treat Dinner**

Wednesday, May 3

Crowne Plaza at Fort Magruder

8:00 am **Coffee/Danish**

8:30 am **Working Group Sessions**

All

Angular Modeling (Loeb et al.)

Surface to TOA Fluxes (Charlock et al.)

Cloud Properties (Minnis et al.)

10:00 am **Break**

Invited Presentations

10:30 pm LaRC ASDC DAAC: EOSDIS Evolution Plans

D. Corder

11:15 am CALIPSO and the A-train

D. Winker/C. Trepte

12:00 pm **Lunch**

Co-I Reports

1:30 pm Separating ENSO from decadal climate variability

A. Clement/C. Mitas/B. Soden

1:50 pm Climate Feedback of Tropical Deep Convection

B. Lin

2:10 pm Radiation Changes at High Latitudes

L. Smith/D. Bess

2:30 pm Seasonal & Interannual Arctic Radiation and Cloud Variations

S. Kato et al.

2:50 pm Aerosol Indirect Effect Analysis: Dynamics vs. Aerosol

N. Loeb

3:10 pm Evaluation of NCAR aerosol assimilation using AEROCOM

D. Fillmore/W. Collins

3:30 pm Break

3:50 pm Compressed spectral aerosol optical depth over oceans

A. Ignatov

4:10 pm Angular Variations of MODIS Cloud Over ARM SGP

X. Dong et al.

4:30 pm Results from the Modified CERES AlongTrack Mode

M. Vollier/M. Capderou

4:50 pm Surface shortwave irradiance over the Tibet Plateau

I. Laszlo/K. Masuda

5:10 pm Adjourn

Version 1, April 13, 2006

Thursday, May 4

Crowne Plaza at Fort Magruder

8:00 am **Coffee/Danish**

Co-I Reports: Continued.

8:30 am	Overview and Update on GEWEX-RFA	<i>L. Chambers</i>
8:50am	Radiative Flux Trend Statistical Analysis	<i>B. Weatherhead</i>
9:10 am	Preliminary Results from GEWEX-RFA	<i>L. Hinkelman</i>
9:30 am	GEWEX SRB vs CERES SRBAVG/FLASHFLUX	<i>P. Stackhouse/D. Doelling</i>
9:50 am	GERB Edition 1 Data Release	<i>S. DeWitte</i>

10:10 am **Break**

10:30 am	GERB/CERES Shortwave Comparisons	<i>P. Mlynchak/L. Smith</i>
10:50 am	NCEP GFS Ozone Assimilation and Prediction	<i>C. Long/S.K. Yang</i>
11:10 am	Photosynthetically Active Radiation from CERES SARB	<i>W. Su et al.</i>
11:30 am	Reflected Solar Radiation: 3D Near the Terminator	<i>S. Kato</i>

11:50 am	Action Items, Final Discussion	<i>B. Wielicki</i>
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12:10 pm **Adjourn**